TROUBLE SHOOTING

The screen is blank	• Check that the camera is powered up. • Check that the monitor is powered up. • Check that the video cable connecting the camera to the monitor is connected properly.
The screen image is dim	• Clean the lens (using a soft, clean cloth). • Check that the light source is adequate.
The screen image has poor contrast	• Adjust the monitor's contrast knob. • Change the position of the camera.
The screen image flickers	• Change the position of the camera.
The screen image is distorted	• Change the position of the camera.
The camera case is hot	• Check that the correct power supply is in use.

IMPORTANT

Users and installers of this product are responsible for ensuring this product complies with all national, state, and local laws and statutes related to monitoring and recording audio and video signals. **SECO-LARM** will not be held responsible for the use of this product in violation of any current laws or statutes.

WARNING

Stop using the camera if you see a malfunction like smoke or unusual heat, as it could cause fire or electric shock. Do not open the case of this device, as there are no field-serviceable components inside.

FCC COMPLIANCE STATEMENT

Information to the user: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARRANTY

NOTICE

The information and specifications printed in this manual are current at the time of publication. However, the SECO-LARM policy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints or typographical errors.

file: FLUSH-MOUNT_IMU0407.PMD
PICSN4

SECO-LARM® U.S.A., Inc.
16842 Millikan Avenue, Irvine, CA 92606
Tel: 800-662-0800 / 949-261-2999   Fax: 949-261-7326

Website: www.seco-larm.com
E-mail: sales@seco-larm.com

ENFORCER ® VIDEO

MANUAL
EV-122C-FVA3Q

1/3″ CCD Flush-Mount
Low-Profile UFO Camera
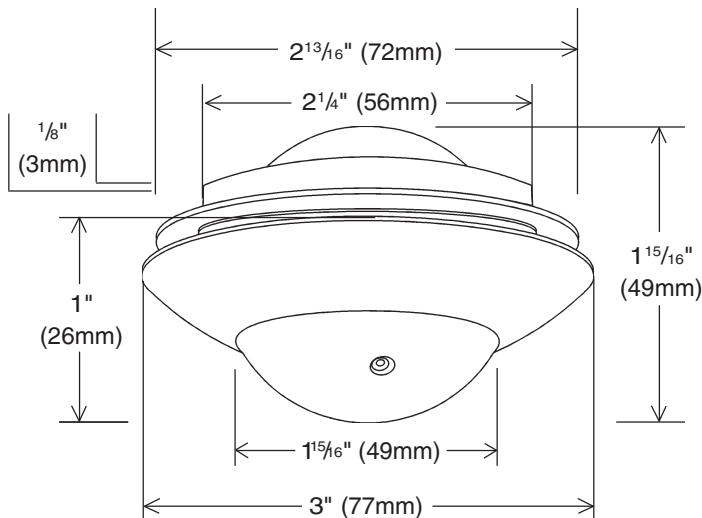

With Concealed Screws and Day/Night Operation

SLI ®
SECO-LARM®

Specifications

EV-122C-FVA3Q (NTSC)

Type	Mini Flush-Mount Low-Profile UFO Camera
Chip	1/3" Sony Super HAD CCD
Resolution	420 TV lines
Pickup elements	510(H) x 492(V) effective pixels
Sync	Internal
Video output	1 Vp-p composite output, 75 Ohms.
Lens (F2.5)	3.7 mm
Minimum illumination	B/W 0.05 lux (day/night)*
Shutter control	Auto Electronic Shutter (AES), 1/60~1/100,000 sec.
Gain control	Auto
Gamma correction	0.45
White balance	Auto
S/N ratio	>48dB
Power source	12 VDC
Current consumption	130mA±10mA
Ambient temperature	-4º ~ 122ºF (-20º~50ºC)
Dimensions	$1^{15}/_{16}$" x 3" (49 x 77 mm)

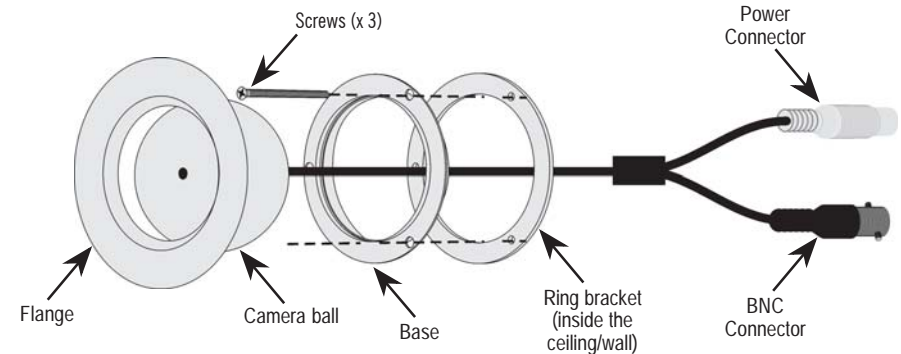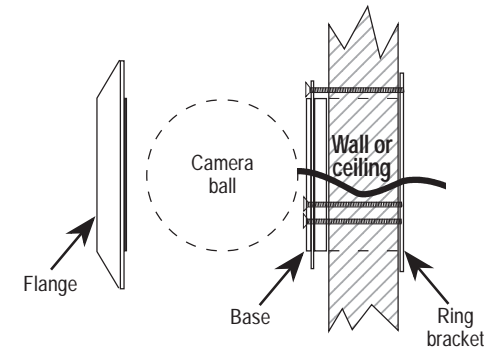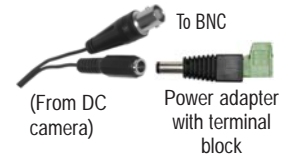*The EV-122C-FVA3Q incorporates day/night capability. This means that the camera switches to B/W mode at night.

Dimensions:

$2^{13}/_{16}$" (72mm)

$2^{1}/_{4}$" (56mm)

$1/_{8}$" (3mm)

$1^{15}/_{16}$" (49mm)

1" (26mm)

$1^{15}/_{16}$" (49mm)

3" (77mm)

Parts List

1 x Flush-Mount camera
1 x Flange
1 x Base
1 x Ring bracket
3 x Mounting screws
1 x Manual

Power cord included. For easy connection of flush-mount ball or other camera to power supply.

To BNC

(From DC camera)

Power adapter with terminal block

Flange

Camera ball

Wall or ceiling

Base

Ring bracket

Screws (x 3)

Power Connector

Flange

Camera ball

Base

Ring bracket (inside the ceiling/wall)

BNC Connector

BEFORE STARTING

1. Please read this manual carefully and keep it for future reference.
2. Use the camera within given temperature and electrical limits.
3. Do not mount the camera where it is exposed to rain or other moisture, or in humid or dusty places.
4. Do not point the camera at the sun. Heat could damage the camera, even when not in use.
5. Do not mount the camera in areas exposed to radiation, strong magnetic fields, or strong electrical signals.*
6. Do not open or disassemble the camera. There are no user-serviceable parts inside.
7. Do not drop the camera or subject it to strong vibrations.

* Note: Many video monitors produce strong electromagnetic fields close to the display CRT, especially when the monitor is turned on or during de-Gaussing, which occurs automatically with many monitors when the monitor is turned on.

INSTALLATION

1. Run a 12VDC power supply wire and a video cable with a male BNC connector to the wall or ceiling where the camera is to be mounted.
2. Temporarily connect the camera to the 12VDC power supply.
3. Temporarily connect the camera's female BNC connector to the video cable's male BNC connector.
4. While watching the monitor, hold the camera against the wall or ceiling by hand where it is to be mounted, then turn the camera until it is certain that this mounting location is correct. Use a pencil to mark the location.
5. Disconnect the 12VDC power supply and video cable.
6. Drill a $2^{1}/_{4}$" (56mm) hole in the ceiling or wall where the camera is to be mounted.
7. Twist the flange off the base and remove the camera ball.
8. Place the ring bracket behind the hole.
   Note: Ring bracket is not necessary if mounting directly to wall.
9. Push the base into the hole, and secure to the ring bracket using the three supplied machine screws.
10. Run the power supply and video cable through the wall or ceiling to the hole, and through the bracket and base. Connect to the camera's power and video connectors.
11. Hold the ball in the base, and secure with the flange. Do not tighten securely.
12. Apply power to the camera. Watch the monitor and adjust the angle of the lens.
13. Secure the camera by tightening the flange.
14. Do a final test of the video camera and monitor.